



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

9/43, Sector-9, Jankipuram Extension, Lucknow - 226031

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Ref: GIC/JJM/ Ayodhya/161

Date : 31.01.23

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Aithar, Block – Rudauli
Distt. – Ayodhya

Drilling Depth : 170 mbgl as reported by driller

Logged Depth : ~~155~~ mbgl 147

Date of Logging : 31.01.23

Types of Log : ~~S.P.~~ & Resistivity (Normal & Lateral)

Logger Used : ~~IGIS~~



Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

| Sl. No. | Depth Range (m, bgl) | Thickness (m) | Types of strata | R_{mf} & R_w |
|--------------|----------------------|---------------|-------------------------|---|
| 1 | 35 – 44 | 9 | Good, kankar intermixed | $R_{mf} = 25.1 \Omega m$ $R_w = 26.4 \Omega m$ |
| 2 | 46 – 50 | 4 | Good | |
| 3 | 54 – 62 | 8 | Good | |
| 4 | 70 – 75 | 5 | Good | |
| 5 | 81 – 94 | 13 | Good, kankar intermixed | |
| 6 | 105 – 127 | 22 | Good, kankar intermixed | |

Remark : ~~Almost all zones are intermixed with fine bands of kankar.~~

CC: M/S Universal MEP Projects & Eng. Services Ltd. Ayodhya

Verified as per
logs provided.
Note - Sr No 5 - 105-125
(20m)
Gsh
01/02/23



(A. K. Singh)
Geophysicist